

IN THE ABSTRACT

Please replace the current abstract with this substitute abstract:

The annular sealing cup with axis Δ , a so-called replenishment cup, which is intended to be positioned between a hydraulic cylinder and piston and which has a « U » axial section and has application to braking circuits comprises:

- a static branch (10) defining a static sealing annular lip,
- a dynamic branch (12) defining a dynamic sealing annular lip,
- and a core (14) connecting the static (10) and dynamic (12) branches and defining a annular bead (15) opposite the lips.

According to the invention, the cup is characterized in that the connecting surface (24) between the static branch (10) and the core (14), located opposite the bead (15), has a concave shape corresponding to a local reduction in the thicknesses of the static branch (10) and of the core (14) at the connecting region between the static lip and the core (14), so as to define a rotation area (21).